

Technical Data Sheet

Trihexyltetradecylphosphonium bis(fluorosulfonyl)imide

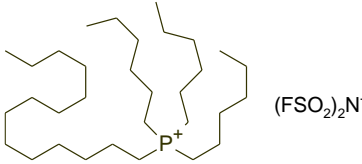
Revision Date: 6/26/2020

Date Issued: 11/9/2023

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name	Trihexyltetradecylphosphonium bis(fluorosulfonyl)imide
Product code	IN-0044
CAS	2253165-55-6
Supplier	IoLiTec Ionic Liquids Technologies GmbH Im Zukunftspark 9 D – 74076 Heilbronn Germany
Telephone	+49 (0)7131-89839-0
Fax	+49 (0)7131-89839-109
Emergency telephone	+49 (0)179-5322578
Email	info@iolitec.de

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	Trihexyltetradecylphosphonium bis(fluorosulfonyl)imide
CAS No.	2253165-55-6
Empirical Formula	C ₃₂ H ₆₈ F ₂ NO ₄ PS ₂
Structure	
Molecular weight	663.98 g/mol
Purity	>98%

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3 PROPERTIES

Color	colorless to orange
Physical state (25 °C)	liquid
Melting point	-2°C
Glass transition temperature	not available
Decomposition temperature	not available
Density	830.4 g/L
Viscosity	304.1 cP
Heat capacity	not available
Conductivity	145.7 μ S/cm
Electrochemical stability window	4.4 V
Anodic limit	not available
Cathodic limit	not available

4 CO-SOLVENT MISCIBILITY

Water	not miscible
Acetone	miscible
Acetonitrile	miscible
Isopropanol	miscible
Toluene	miscible
Hexane	not miscible

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5 ORDER INFORMATION

IN-0044-HP can be obtained in the following standard quantities:

Quantity	Price
25 g	Please enquire
50 g	Please enquire
100 g	Please enquire
250 g	Please enquire
500 g	Please enquire
1 kg	Please enquire
Bulk	Please enquire

Please send your order via email to order@iolitec.de or fax +49 (0)7131 – 89839109.

6 OTHER INFORMATION

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